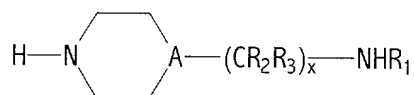


ABSTRACT OF THE DISCLOSURE

A fuel additive composition comprising:

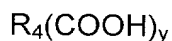
- a) a Mannich condensation product of (1) a high molecular weight alkyl-substituted hydroxyaromatic compound (2) an amine having the formula:



wherein A is CH or nitrogen, R_1 , R_2 , R_3 are independently hydrogen or lower alkyl of 1 to about 6 carbon atoms and each R_2 and R_3 is independently selected in each $-\text{CR}_2\text{R}_3-$ unit, and x is an integer from 1 to about 6;

and (3) an aldehyde, wherein the respective molar ratio of reactants (1), (2), and (3) is 1:0.1-2:0.1-2;

- b) a hydrocarbyl-terminated poly(oxyalkylene) monool; and
c) a carboxylic acid as represented by the formula:



or anhydride thereof, wherein R_4 represents a hydrocarbyl group having about 2 to about 50 carbon atoms, and y represents an integer of 1 to about 4.